

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-57. (Cancelled)

58. (Previously Presented) A receiving method for receiving a predetermined radio broadcast signal and predetermined additional information in which acquiring information necessary to acquire music content data related to this radio broadcast signal is disposed, the method comprising:

receiving said radio broadcast signal and said additional information;

temporarily storing said received additional information into a temporary storage, said additional information being associated with said radio broadcast signal; and

storing said acquiring information disposed in said additional information, which is temporarily stored in said temporary storage, into a main storage when there is a user input from an operation unit while receiving said radio broadcast signal.

59. (Original) A receiving method as claimed in claim 58, further comprising an error detection/correction step for performing error detection/correction on said additional information.

60. (Previously Presented) A receiving method as claimed in claim 58, further comprising a temporary storage step for temporarily storing said radio broadcast signal received in said receiving step.

61. (Canceled)

62. (Previously Presented) A receiving method as claimed in claim 58, wherein said storage contents are updated by newly received additional information on each occasion when new additional information is received in said temporary storage step.

63. (Previously Presented) A receiving method as claimed in claim 58, wherein said additional information in which said acquiring information concerning said music content data related to said radio broadcast signal is received on plural occasions while said radio broadcast signal is being transmitted.

64. (Original) A receiving method as claimed in claim 63, wherein said additional information is transmitted periodically.

65. (Previously Presented) A receiving method as claimed in claim 63, wherein said acquiring information, which is disposed in said additional information transmitted on plural occasions, is stored in said acquiring information storing step when said user input occurs.

66. (Previously Presented) A receiving method as claimed in claim 58, wherein said acquiring information comprises unique information uniquely assigned to said music content data.

67. (Previously Presented) A receiving method as claimed in claim 58, wherein said acquiring information comprises recognizing information useful for recognizing the content of said music content data.

68. (Previously Presented) A receiving method as claimed in claim 58, wherein said acquiring information comprises access information used for accessing an access location where said music content data is provided.

69. (Original) A receiving method as claimed in claim 58, further comprising an outputting step for outputting said acquiring information.

70. (Previously Presented) A receiving method as claimed in claim 58, wherein said music content data is audio data when said radio broadcast signal is predetermined audio data.

71. (Previously Presented) A receiving method as claimed in claim 58, wherein said music content data comprises a computer program when said radio broadcast signal is audio data obtained by executing said computer program.

72. (Previously Presented) A receiving method as claimed in claim 58, wherein information useful for recognizing the content of said music content data is disposed in said additional information in addition to said acquiring information.

73. (Previously Presented) A receiving method as claimed in claim 72, further comprising an outputting step for outputting information useful for recognizing the content of said music content data.

74. (Previously Presented) A receiving method as claimed in claim 58, wherein said music content data is also disposed in said additional information in addition to said acquiring information.

75. (Previously Presented) A receiving method as claimed in claim 74, further comprising a music content data storing step for storing said music content data disposed in said additional information when said user input occurs.

76. (Previously Presented) A receiving method as claimed in claim 75, wherein said music content data disposed in said additional information is encoded.

77. (Previously Presented) A receiving method as claimed in claim 76, further comprising an acquiring step for acquiring a decoding key for decoding said music content data based on said acquiring information.

78. (Previously Presented) A receiving method as claimed in claim 77, further comprising a decoding step for decoding said music content data based on said decoding key.

79. (Previously Presented) A receiving method as claimed in claim 58, further comprising an acquiring step for acquiring said music content data stored in a database based on said acquiring information when said music content data is stored in a predetermined database.

80. (Previously Presented) A receiving method as claimed in claim 79, wherein a decoding key for decoding said music content data is also acquired in said acquiring step when said music content data stored in said database is encoded.

81. (Previously Presented) A receiving method as claimed in claim 80, further comprising a decoding step for decoding said music content data based on said decoding key.

82. (Previously Presented) A receiving method as claimed in claim 58, wherein said radio broadcast signal comprises a second signal superimposed on a first signal.

83. (Original) A receiving method as claimed in claim 82, wherein said second signal is also disposed in said additional information.

84. (Original) A receiving method as claimed in claim 83, wherein said second signal disposed in said additional information is encoded.

85. (Original) A receiving method as claimed in claim 84, further comprising an acquiring step for acquiring a decoding key for decoding said second signal based on said acquiring information.

86. (Original) A receiving method as claimed in claim 85, further comprising a decoding step for decoding said second signal based on said decoding key.

87. (Previously Presented) A receiving method as claimed in claim 86, further comprising a generating step for generating said music content data based on said radio broadcast signal and said second signal.

88. (Previously Presented) A receiving method as claimed in claim 82, wherein said first signal is a first sound, said second signal is a second sound, and part of said first sound and said second sound overlap in time in said radio broadcast signal.

89. (Previously Presented) A receiving method as claimed in claim 88, wherein said first sound or said second sound of the overlapping part is also disposed in said additional information.

90. (Previously Presented) A receiving method as claimed in claim 89, wherein said first sound or said second sound of the overlapping part disposed in said additional information, is encoded.

91. (Previously Presented) A receiving method as claimed in claim 90, further comprising a step for acquiring a decoding key for decoding said first sound or said second sound of the overlapping part based on said acquiring information.

92. (Previously Presented) A receiving method as claimed in claim 91, wherein said first sound or said second sound of the overlapping part is decoded based on said decoding key.

93. (Previously Presented) A receiving method as claimed in claim 92, further comprising a generating step for generating said music content data using said radio broadcast signal, and said first sound or said second sound of the overlapping part.

94. (Previously Presented) A receiving method as claimed in claim 58, wherein said music content data is split into a first component and second component, and said first component is transmitted as said radio broadcast signal.

95. (Original) A receiving method as claimed in claim 94, wherein said second component is also disposed in said additional information.

96. (Original) A receiving method as claimed in claim 95, wherein said second component disposed in said additional information is encoded.

97. (Original) A receiving method as claimed in claim 96, further comprising an acquiring step for acquiring a decoding key for decoding said second component based on said acquiring information.

98. (Original) A receiving method as claimed in claim 97, further comprising a decoding step for decoding said second component based on said decoding key.

99. (Previously Presented) A receiving method as claimed in claim 98, further comprising a generating step for generating said music content data using said radio broadcast signal and said second signal.

100. (Previously Presented) A receiving method as claimed in claim 94, wherein said music content data is audio data,

said first component is a low region component or an upper bit of said audio data, and

said second component is a high region component or a lower bit of said audio data.

101. (Previously Presented) A receiving device for receiving a predetermined radio broadcast signal and predetermined additional information in which acquiring

information necessary to acquire music content data related to this radio broadcast signal is disposed, the device comprising:

receiving means for receiving said radio broadcast signal and said additional information;

temporary storage means for temporarily storing said received additional information, said additional information being associated with said radio broadcast signal; and

acquiring information storing means for storing said acquiring information disposed in said additional information, which is temporarily stored in said temporary storage means, into a main storage when there is a user input from an operation unit while receiving said radio broadcast signal.

102. (Original) A receiving device as claimed in claim 101, further comprising error detection/correction means for performing error detection/correction on said additional information.

103. (Previously Presented) A receiving device as claimed in claim 101, further comprising temporary storage means for temporarily storing said radio broadcast signal received by said receiving means.

104. (Canceled)

105. (Previously Presented) A receiving device as claimed in claim 101, wherein said storage contents are updated by newly received additional information on each occasion when new additional information is received by said temporary storage means.

106. (Previously Presented) A receiving device as claimed in claim 101, wherein said additional information in which said acquiring information concerning said music content data related to said radio broadcast signal is received on plural occasions while said radio broadcast signal is being transmitted.

107. (Original) A receiving device as claimed in claim 106, wherein said additional information is transmitted periodically.

108. (Previously Presented) A receiving device as claimed in claim 106, wherein said acquiring information storage means stores said acquiring information disposed in said additional information transmitted on plural occasions when said user input occurs.

109. (Previously Presented) A receiving device as claimed in claim 101, wherein said acquiring information comprises unique information uniquely assigned to said music content data.

110. (Previously Presented) A receiving device as claimed in claim 101, wherein said acquiring information comprises recognizing information useful for recognizing the content of said music content data.

111. (Previously Presented) A receiving device as claimed in claim 101, wherein said acquiring information comprises access information used for accessing an access location where said music content data is provided.

112. (Original) A receiving device as claimed in claim 101, further comprising outputting means for outputting said acquiring information.

113. (Previously Presented) A receiving device as claimed in claim 101, wherein said music content data is audio data when said radio broadcast signal is predetermined audio data.

114. (Previously Presented) A receiving device as claimed in claim 101, wherein said music content data comprises a computer program when said radio broadcast signal is audio data obtained by executing said computer program.

115. (Previously Presented) A receiving device as claimed in claim 101, wherein information useful for recognizing the content of said music content data is disposed in said additional information in addition to said acquiring information.

116. (Previously Presented) A receiving device as claimed in claim 115, further comprising outputting means for outputting information useful for recognizing the content of said music content data.

117. (Previously Presented) A receiving device as claimed in claim 101, wherein said music content data is also disposed in said additional information in addition to said acquiring information.

118. (Previously Presented) A receiving device as claimed in claim 117, further comprising music content data storing means for storing said music content data disposed in said additional information when said user input occurs.

119. (Previously Presented) A receiving device as claimed in claim 118, wherein said music content data disposed in said additional information is encoded.

120. (Previously Presented) A receiving device as claimed in claim 119, further comprising acquiring means for acquiring a decoding key for decoding said music content data based on said acquiring information.

121. (Previously Presented) A receiving device as claimed in claim 120, further comprising decoding means for decoding said music content data based on said decoding key.

122. (Previously Presented) A receiving device as claimed in claim 101, further comprising acquiring means for acquiring said music content data stored in a database based on said acquiring information when said music content data is stored in a predetermined database.

123. (Previously Presented) A receiving device as claimed in claim 122, wherein said acquiring means also acquires a decoding key for decoding said music content data when said music content data stored in said database is encoded.

124. (Previously Presented) A receiving device as claimed in claim 123, further comprising decoding means for decoding said music content data based on said decoding key.

125. (Previously Presented) A receiving device as claimed in claim 101, wherein said radio broadcast signal comprises a second signal superimposed on a first signal.

126. (Original) A receiving device as claimed in claim 125, wherein said second signal is also disposed in said additional information.

127. (Original) A receiving device as claimed in claim 126, wherein said second signal disposed in said additional information is encoded.

128. (Original) A receiving device as claimed in claim 127, further comprising acquiring means for acquiring a decoding key for decoding said second signal based on said acquiring information.

129. (Original) A receiving device as claimed in claim 128, further comprising decoding means for decoding said second signal based on said decoding key.

130. (Previously Presented) A receiving device as claimed in claim 129, further comprising generating means for generating said music content data based on said radio broadcast signal and said second signal.

131. (Previously Presented) A receiving device as claimed in claim 125, wherein said first signal is a first sound, said second signal is a second sound, and part of said first sound and said second sound overlap in time in said radio broadcast signal.

132. (Previously Presented) A receiving device as claimed in claim 131, wherein said first sound or said second sound of the overlapping part is also disposed in said additional information.

133. (Previously Presented) A receiving device as claimed in claim 132, wherein said first sound or said second sound of the overlapping part disposed in said additional information, is encoded.

134. (Previously Presented) A receiving device as claimed in claim 133, further comprising acquiring means for acquiring a decoding key for decoding said first sound or said second sound of the overlapping part based on said acquiring information.

135. (Previously Presented) A receiving device as claimed in claim 134, further comprising decoding means for decoding said first sound or said second sound of the overlapping part based on said decoding key.

136. (Previously Presented) A receiving device as claimed in claim 135, further comprising generating means for generating said music content data using said radio broadcast signal, and said first sound or said second sound of the overlapping part.

137. (Previously Presented) A receiving device as claimed in claim 101, wherein said music content data is split into a first component and second component, and said first component is transmitted as said radio broadcast signal.

138. (Original) A receiving device as claimed in claim 137, wherein said second component is also disposed in said additional information.

139. (Original) A receiving device as claimed in claim 138, wherein said second component disposed in said additional information is encoded.

140. (Original) A receiving device as claimed in claim 139, further comprising acquiring means for acquiring a decoding key for decoding said second component based on said acquiring information.

141. (Original) A receiving device as claimed in claim 140, further comprising decoding means for decoding said second component based on said decoding key.

142. (Previously Presented) A receiving device as claimed in claim 141, further comprising generating means for generating said music content data using said radio broadcast signal and said second signal.

143. (Previously Presented) A receiving device as claimed in claim 137, wherein said music content data is audio data,

said first component is a low region component or an upper bit of said audio data, and

said second component is a high region component or a lower bit of said audio data.

144. (Previously Presented) A transfer method of a transfer system comprising a transmitting device for transmitting a predetermined radio broadcast signal and predetermined additional information, and a receiving device for receiving said predetermined radio broadcast signal and said predetermined additional information, wherein

said transmitting comprises:

constructing said additional information in which acquiring information necessary to acquire music content data related to said radio broadcast signal is disposed, and transmitting said radio broadcast signal, and transmitting said additional information, in which said acquiring information concerning said music content data related to this radio broadcast signal is disposed, on plural occasions during the transmission of said radio broadcast signal, and

said receiving comprises:

receiving said radio broadcast signal and said additional information;
temporarily storing said received additional information into a temporary storage means, said additional information being associated with said radio broadcast signal;
and

storing said acquiring information disposed in said additional information, which is temporarily stored in said temporary storage means, into a main storage when there is a user input from an operation unit while receiving said radio broadcast signal.

145. (Previously Presented) A transfer system comprising a transmitting device for transmitting a predetermined radio broadcast signal and predetermined additional information, and a receiving device for receiving said predetermined radio broadcast signal and said predetermined additional information, wherein

said transmitting device comprises:

constructing means for constructing said additional information in which acquiring information necessary to acquire music content data related to said radio broadcast signal is disposed, and

transmitting means for transmitting said radio broadcast signal, and transmitting said additional information, in which said acquiring information concerning said music content data related to this radio broadcast signal is disposed, on plural occasions during the transmission of said radio broadcast signal, and

said receiving device comprises:

receiving means for receiving said radio broadcast signal and said additional information;

temporary storage means for storing said received additional information into a temporary storage means, said additional information being associated with said radio broadcast signal; and

acquiring information storing means for storing said acquiring information disposed in said additional information, which is temporarily stored in said temporary storage means, into a main storage when there is a user input from an operation unit while receiving said radio broadcast signal.

146-149. (Canceled)